

FIG. 1A - Prior Art

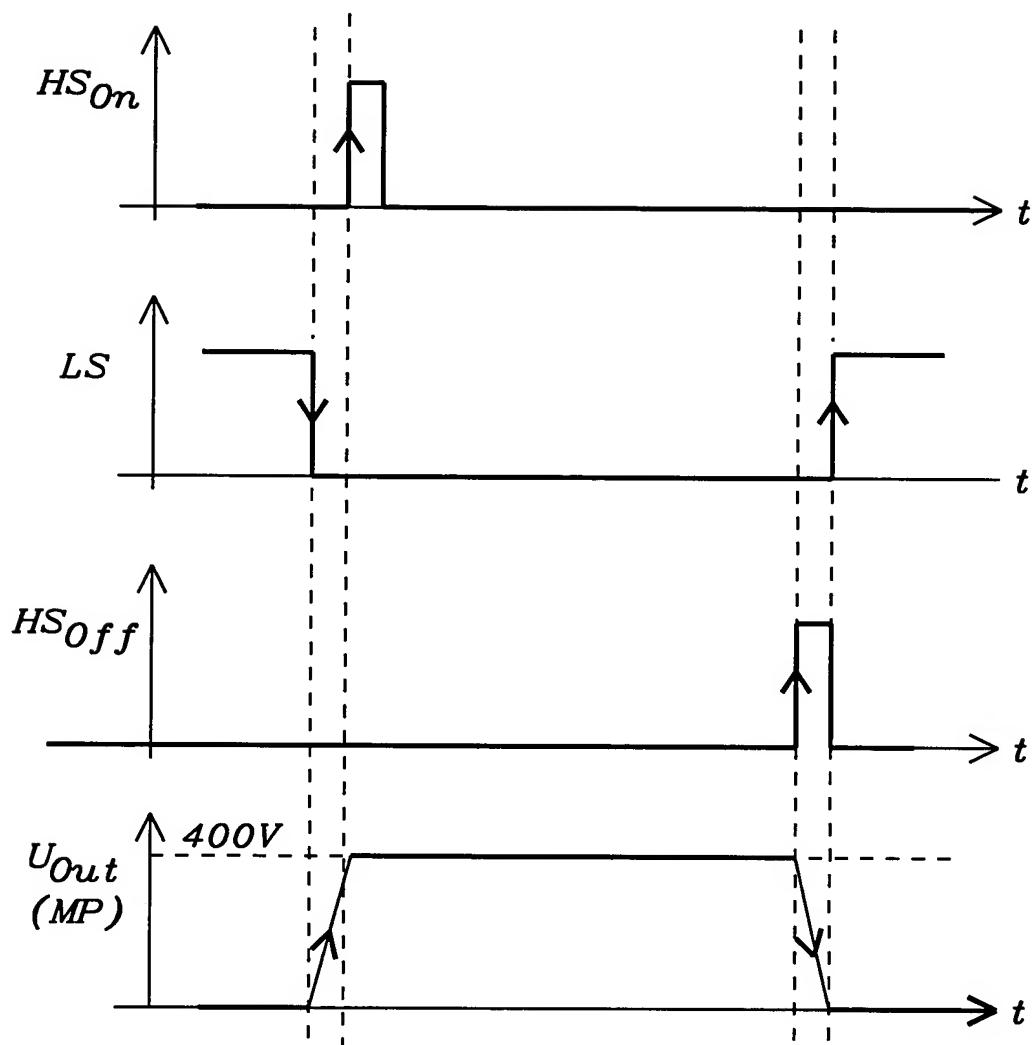


FIG. 1B - Prior Art

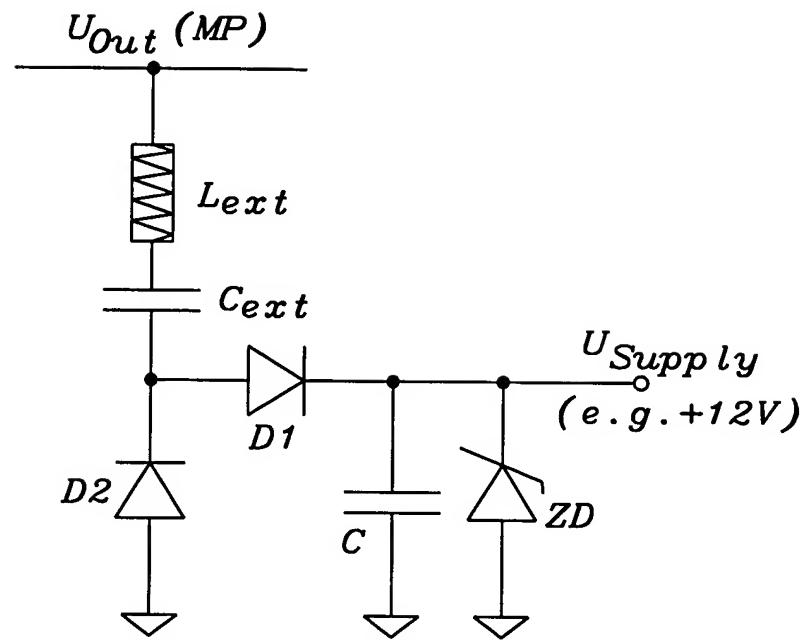


FIG. 1C - Prior Art

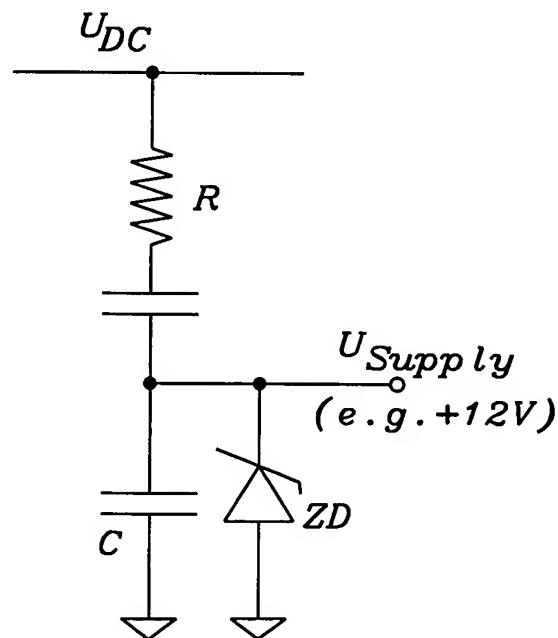


FIG. 1D - Prior Art

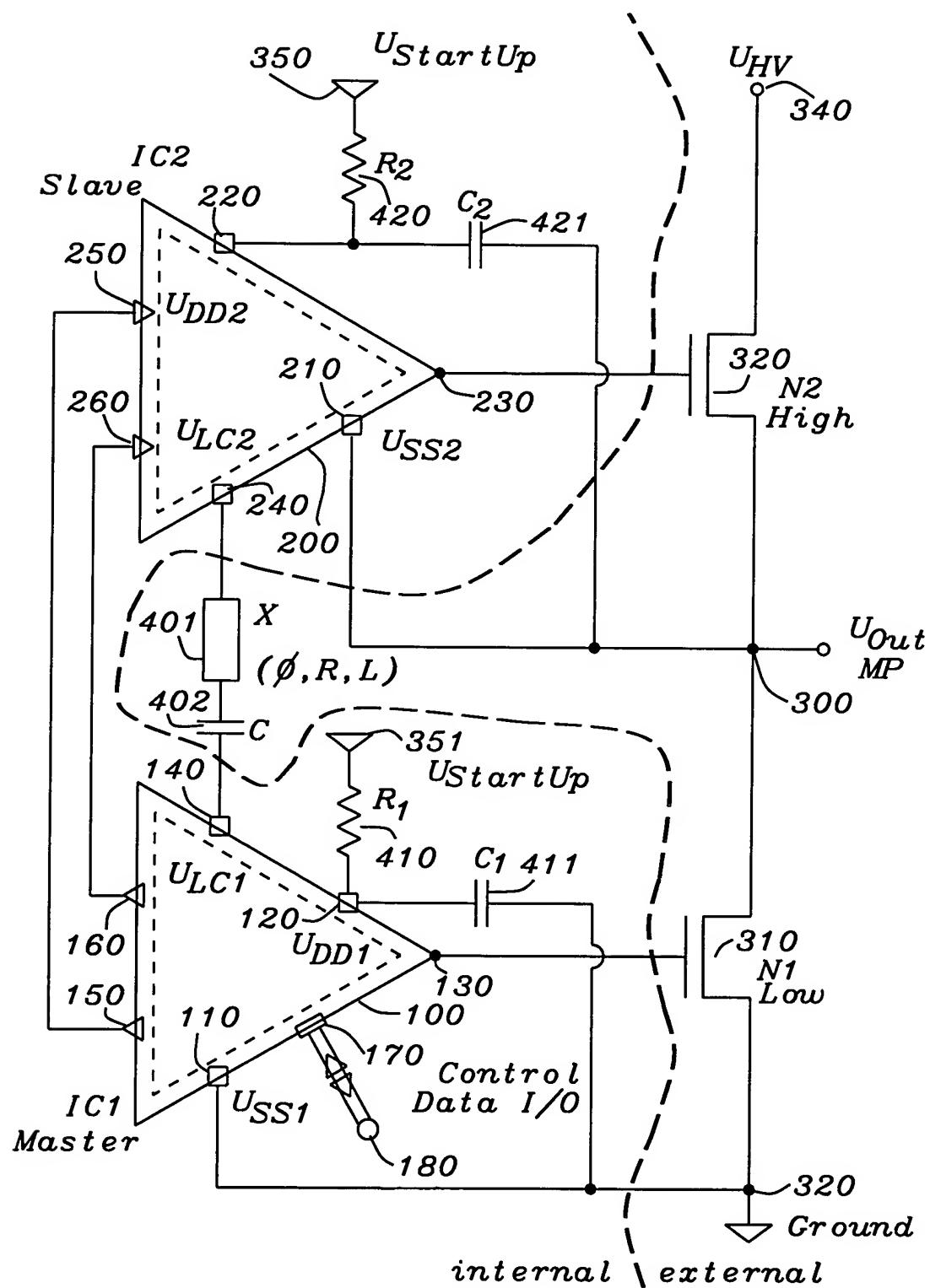


FIG. 2

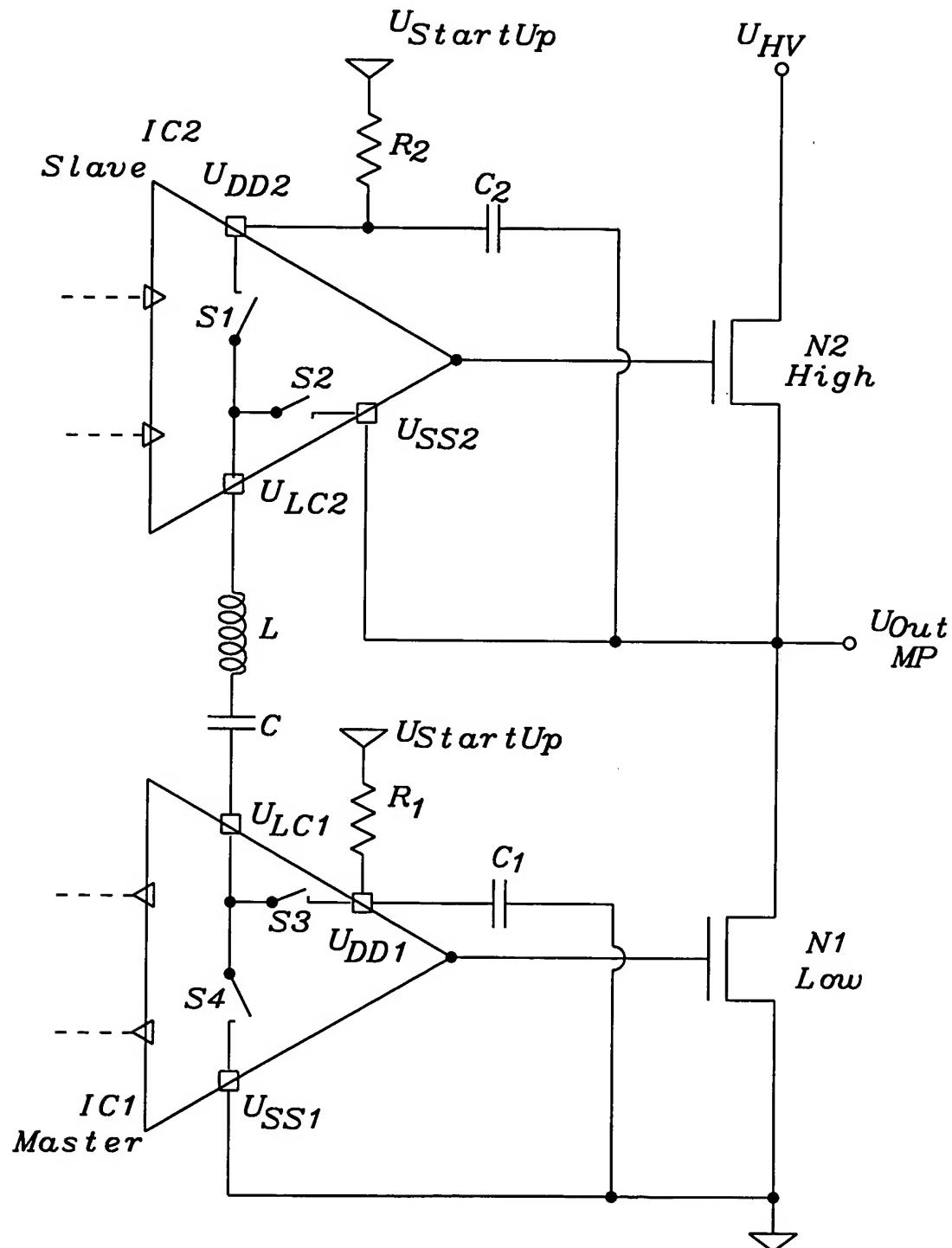


FIG. 3A

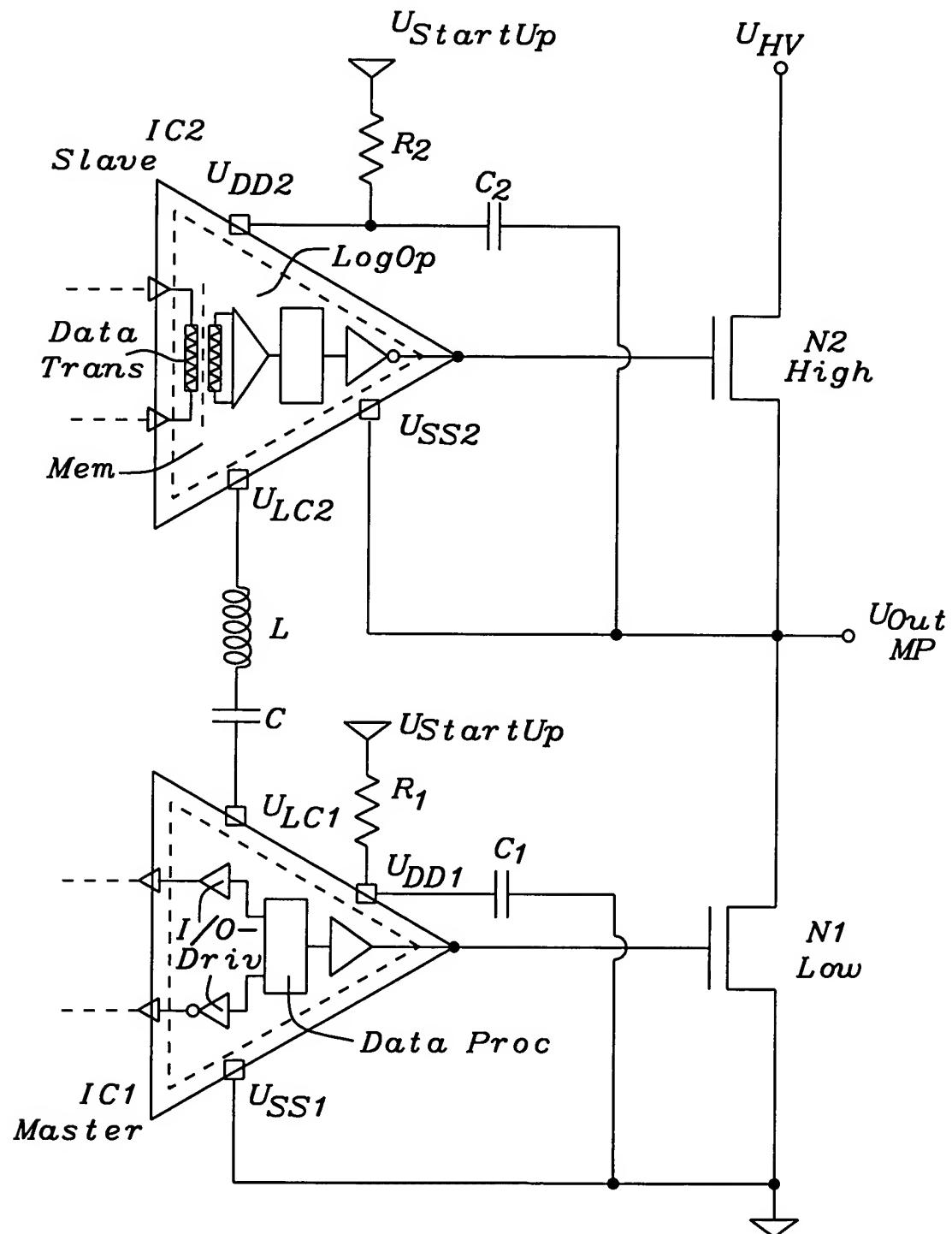


FIG. 3B

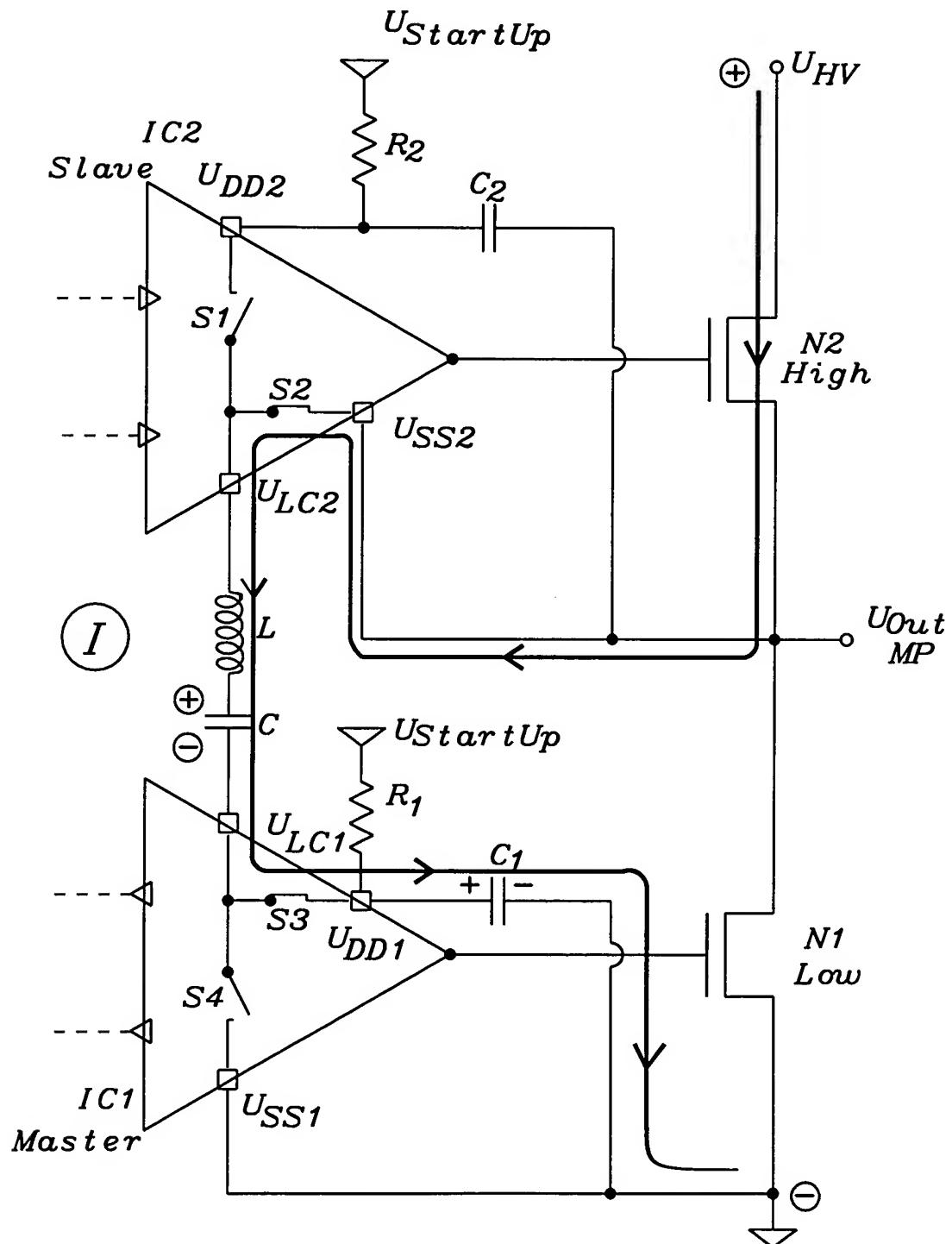


FIG. 4A

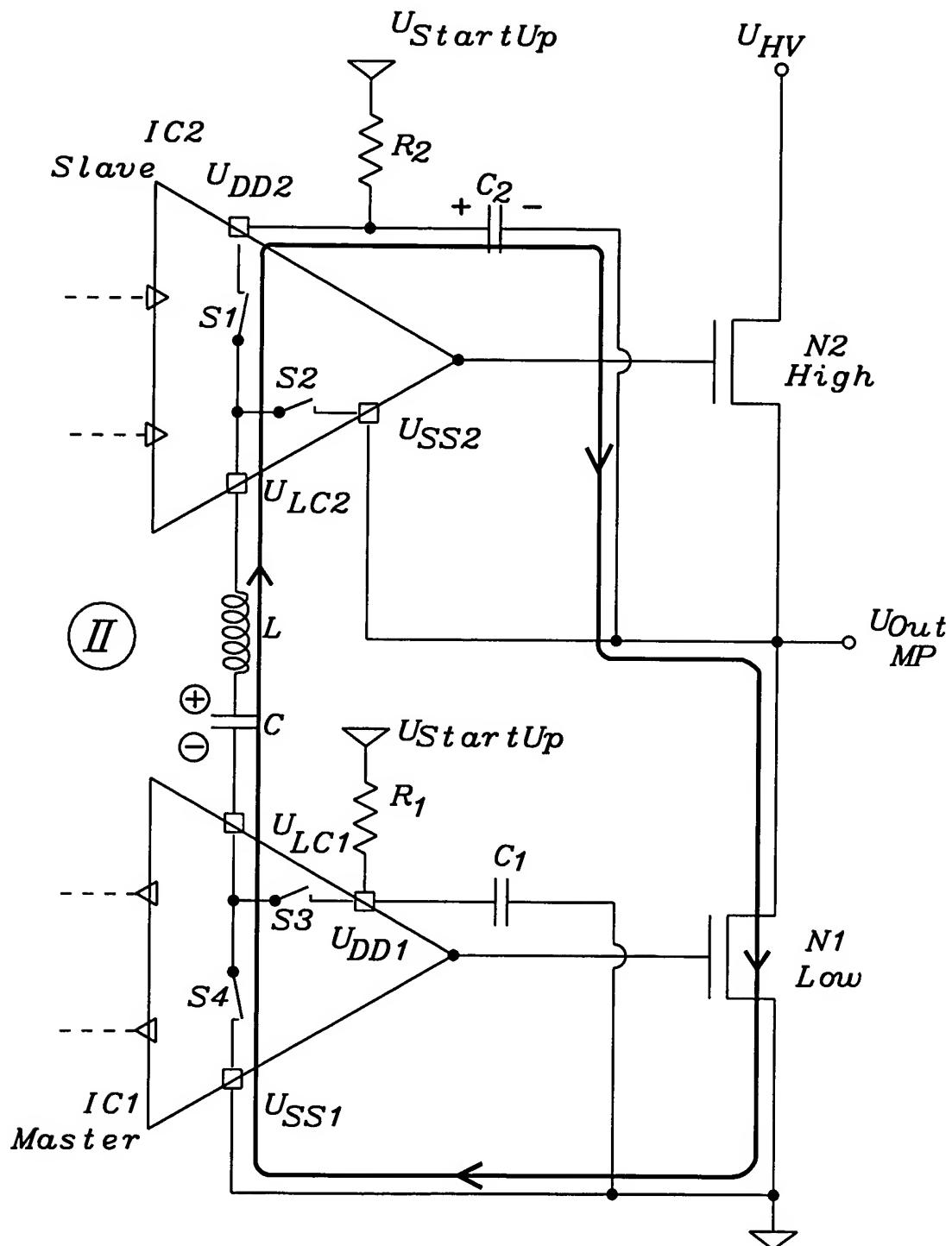


FIG. 4B

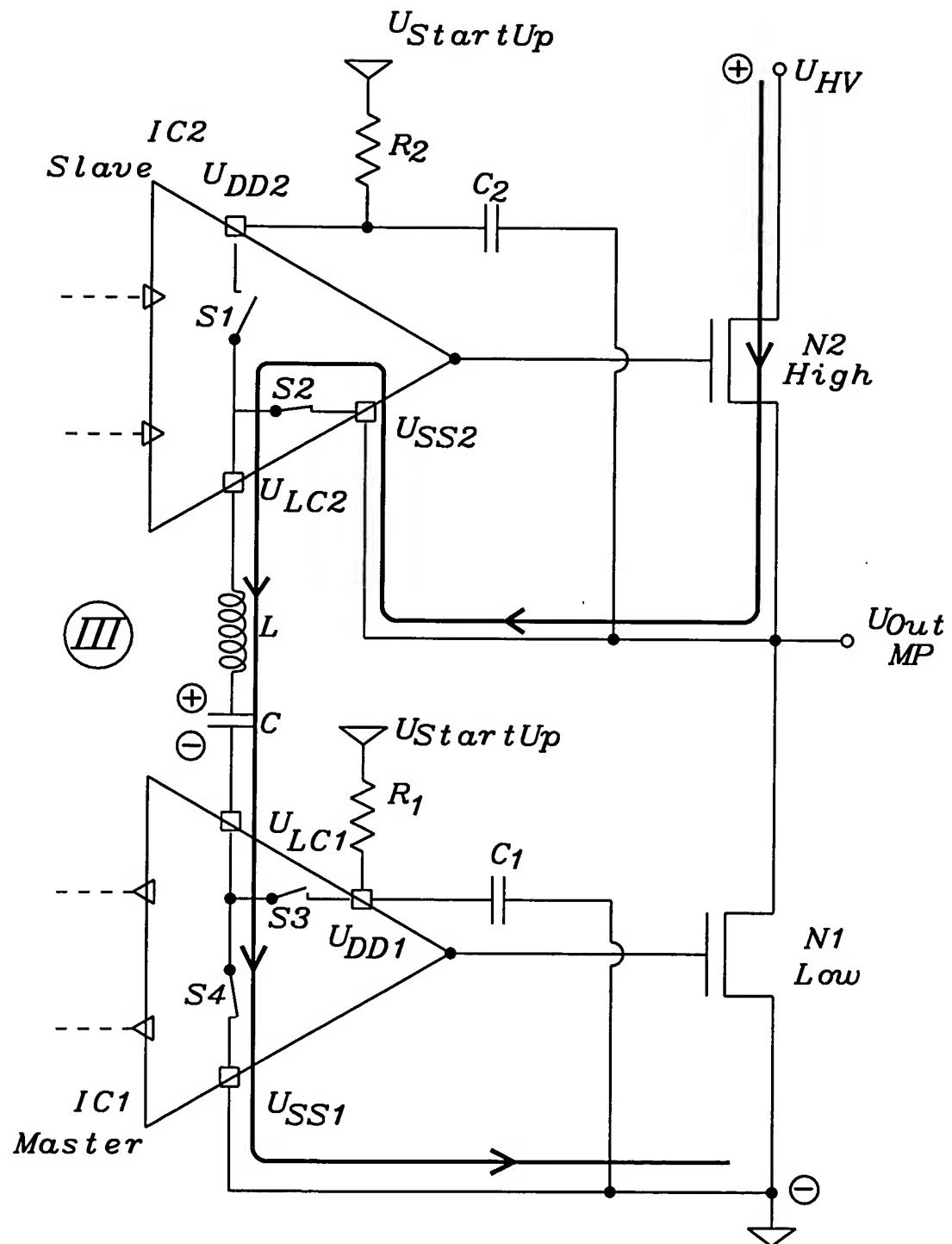


FIG. 4C

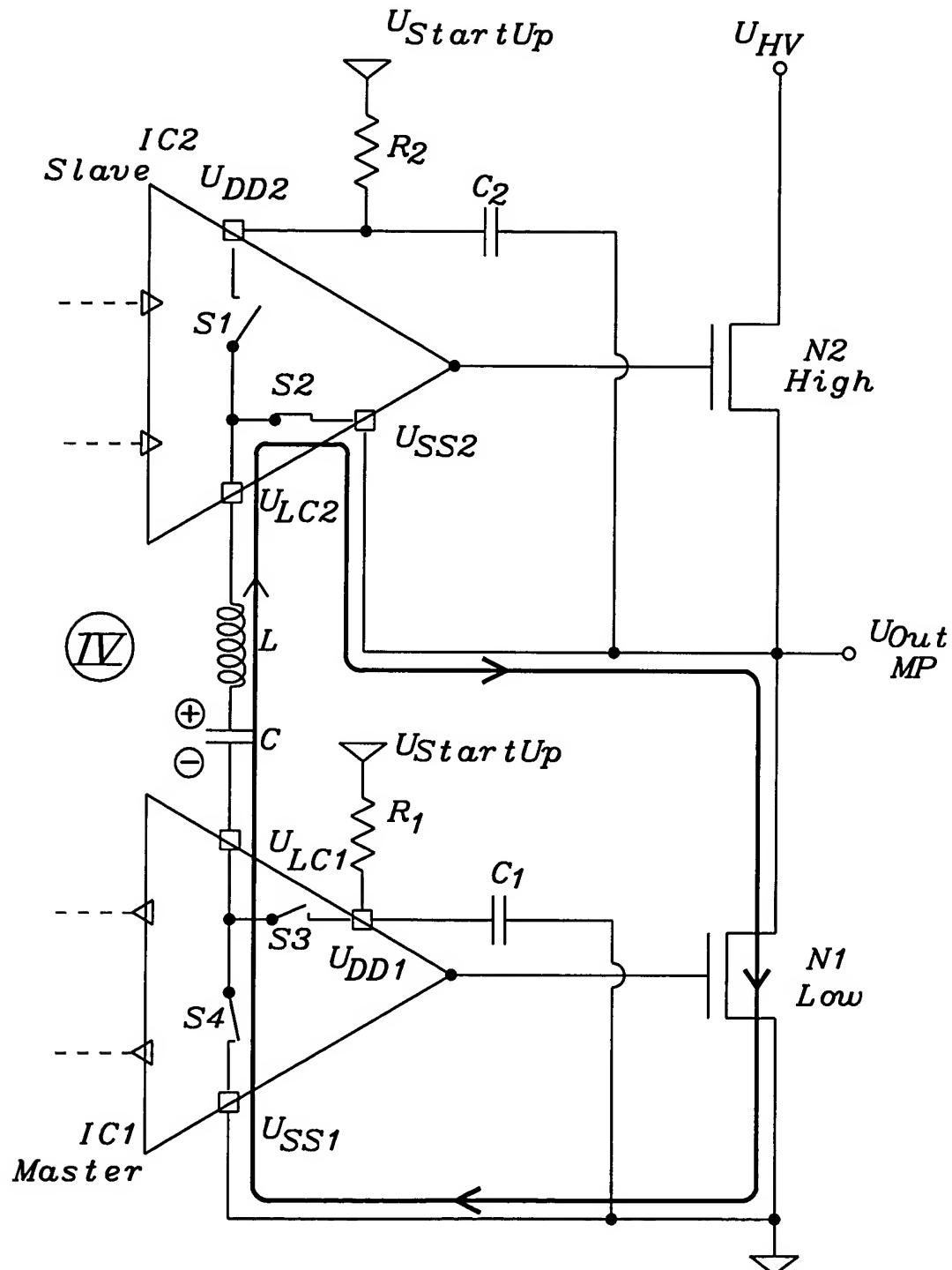


FIG. 4D

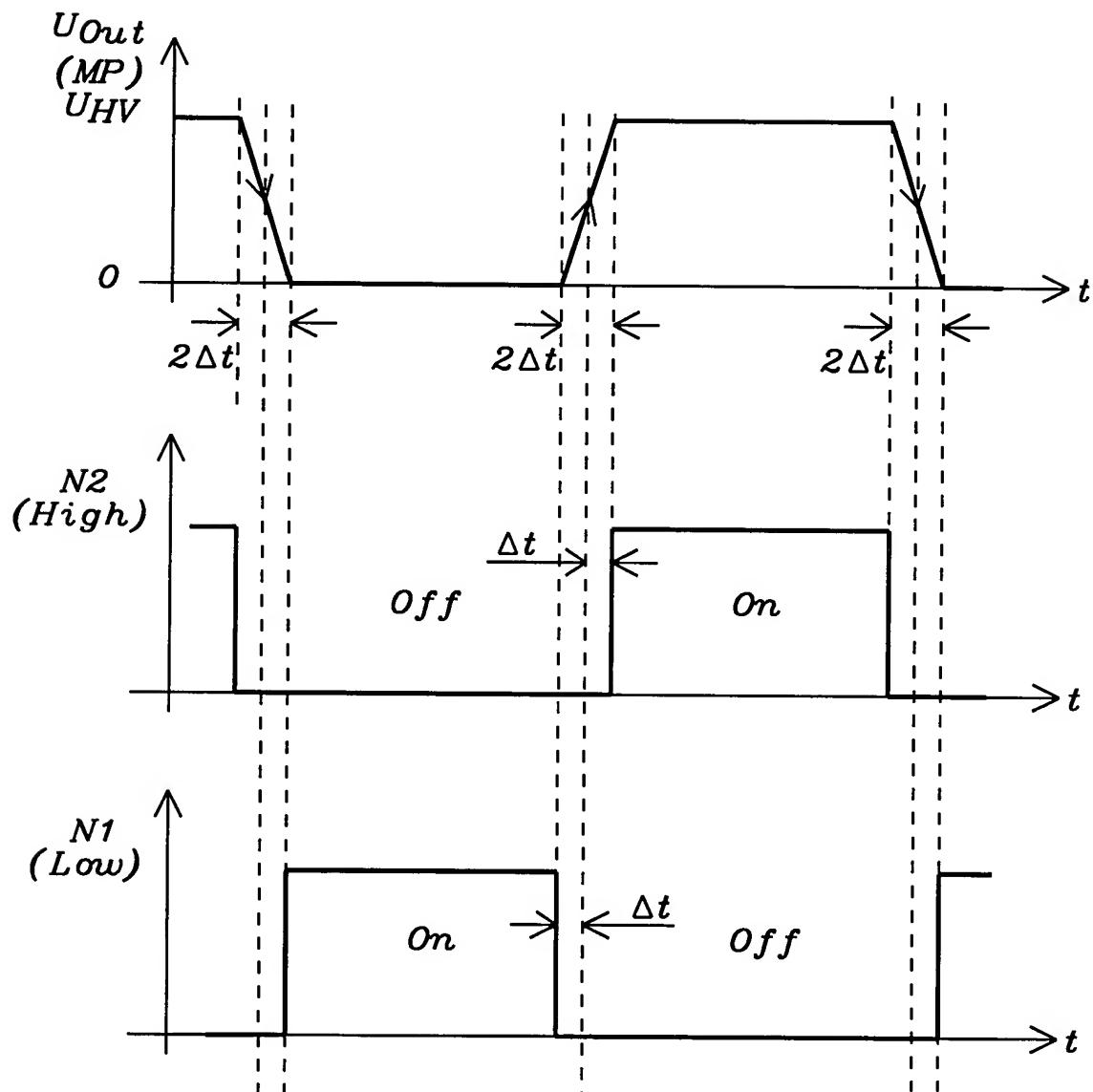


FIG. 5A

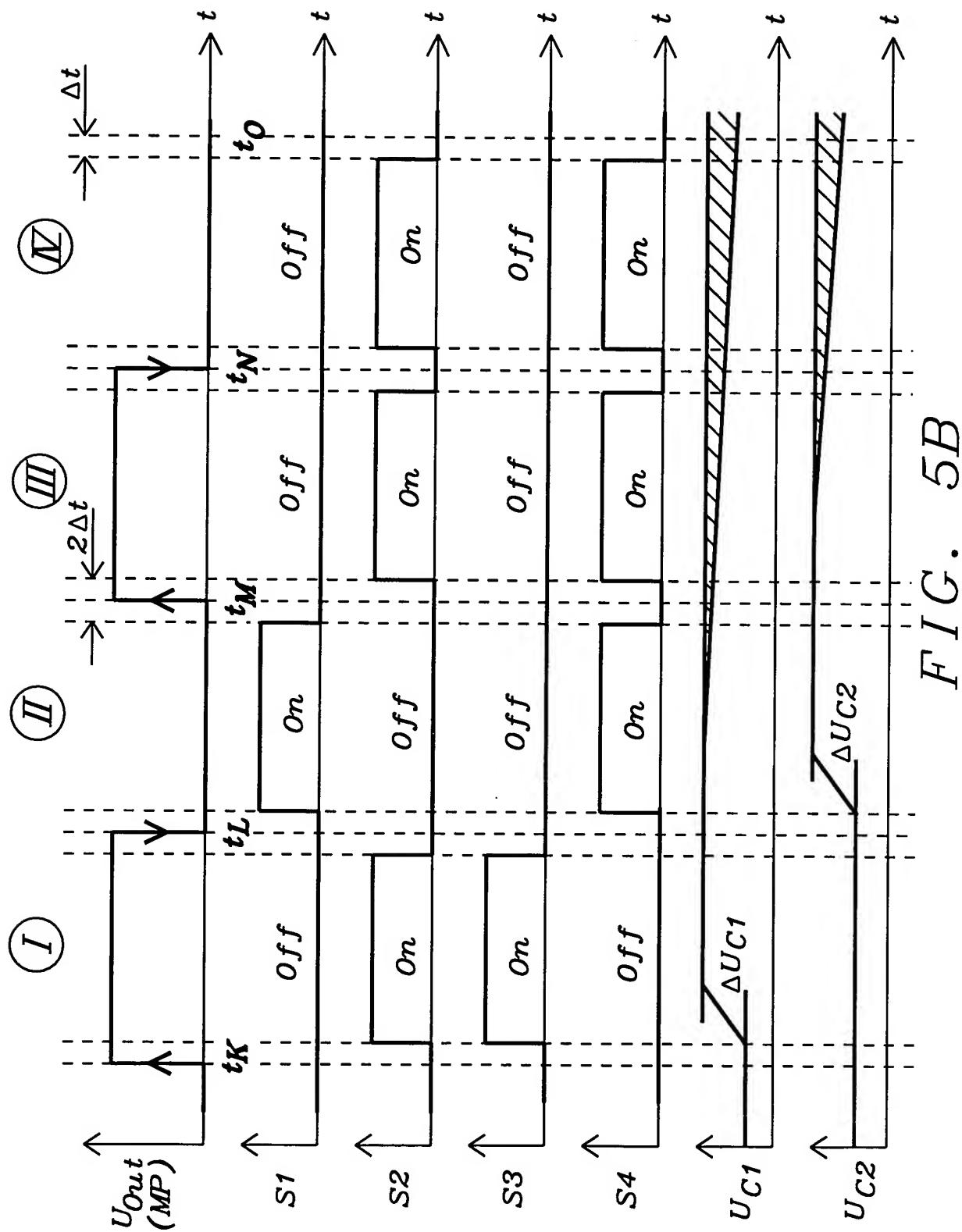


FIG. 5B

Provide multiple external switching devices, arranged in serial connection between the given power and ground terminals of the circuit feeding the available main supply energy, and provide accordingly for each external switching device its own appropriate controller circuit together with its own, individually controlled and regulated appliance for the required auxiliary energy supply

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Provide separate and individual storage means for said different supply energies and provide internal switches - internal to said controller circuits - for transporting, controlling and regulating said energies

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Provide means for generating, processing and storing information data within said controller circuits for the purpose of control and regulation of each of said supply energies as defined above

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Provide means for transfer and/or exchange of said information data with an isolating internal potential separation as means for transferring information within and between said controller circuits

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Start-up an initial bootstrap procedure for controlling and regulating said available main supply energy with said external switching devices, together with generating said auxiliary supply energies, as needed for regular operating said controller circuits

650



FIG. 6A

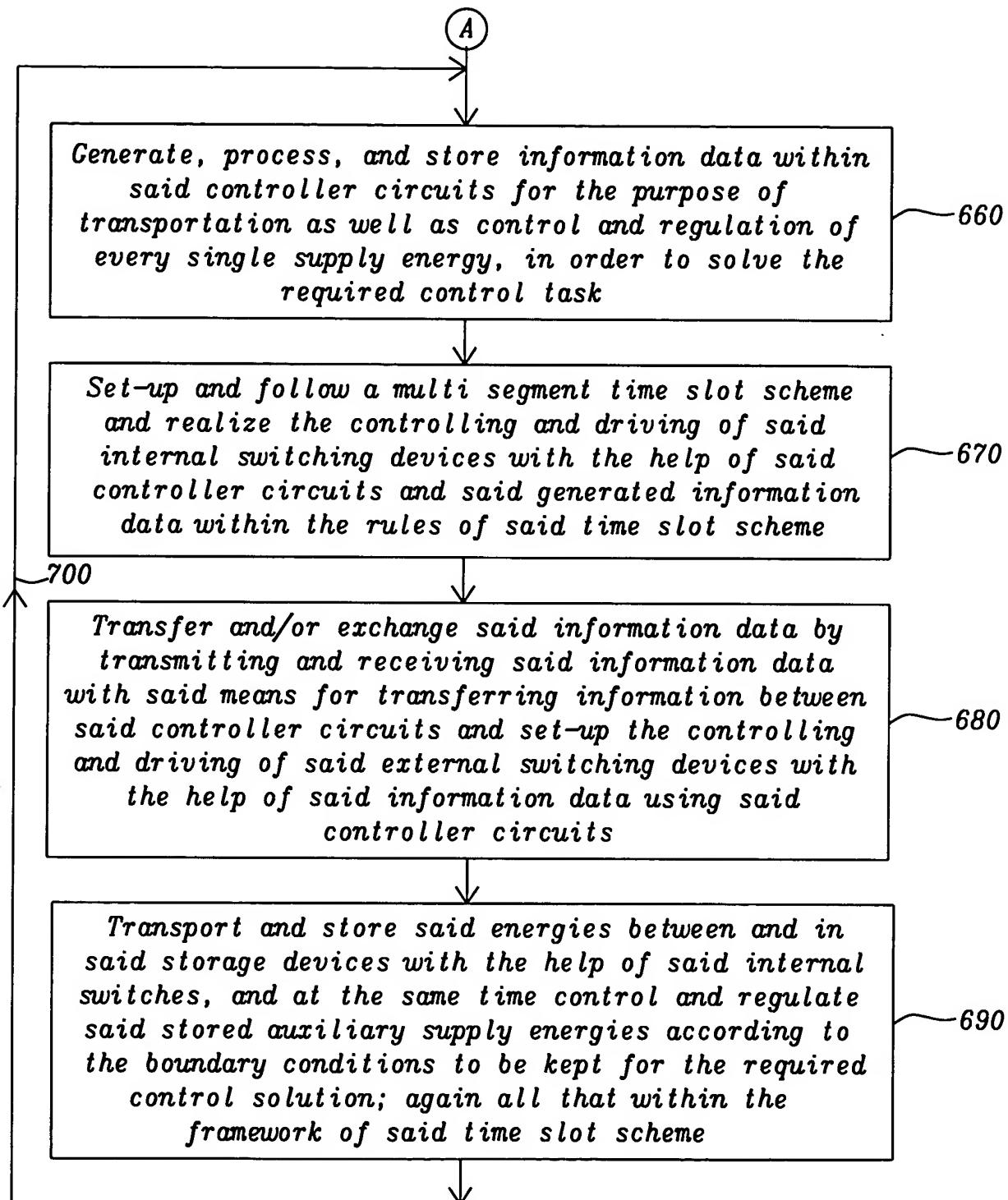
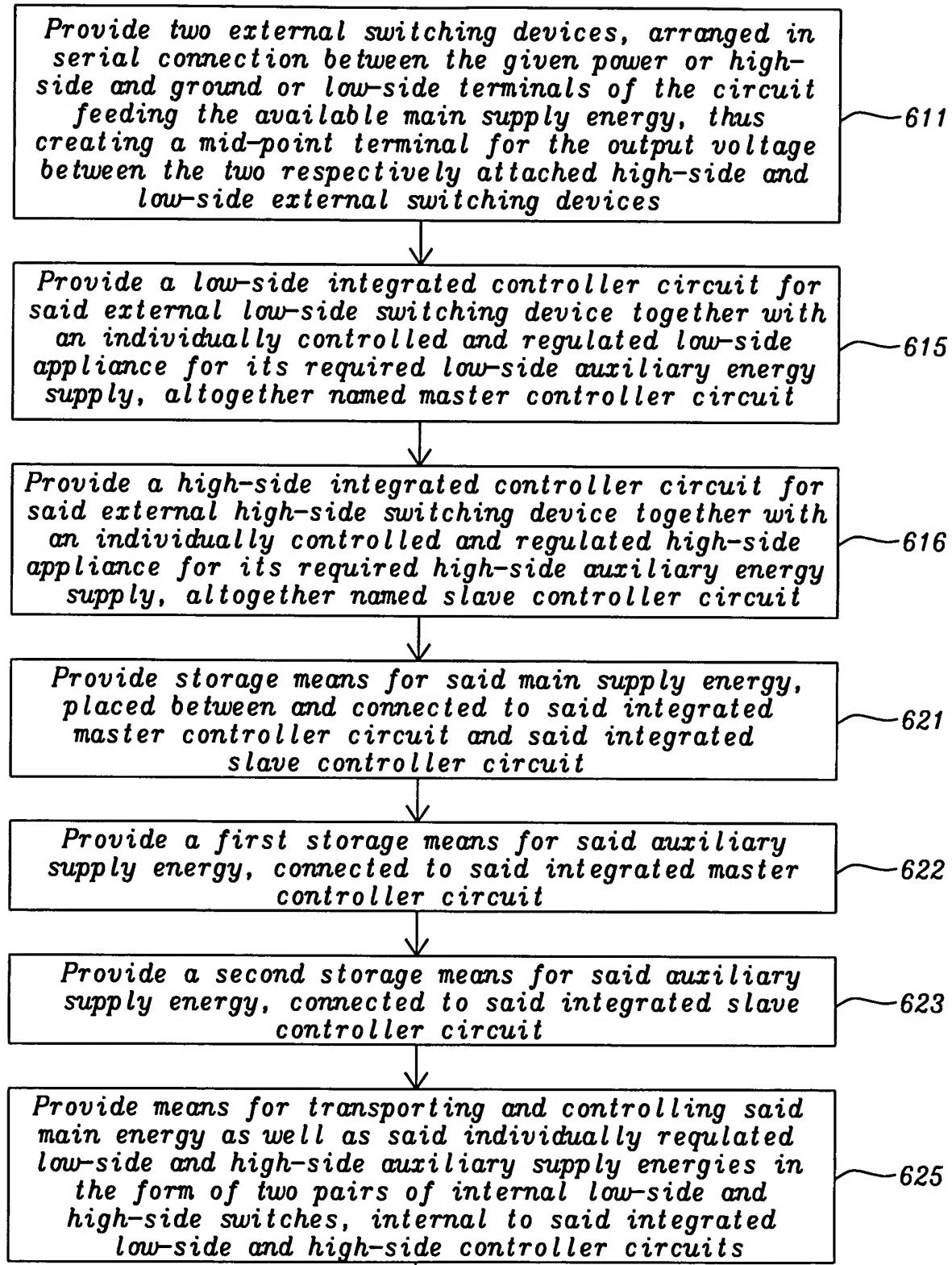


FIG. 6B



(B)

FIG. 7A

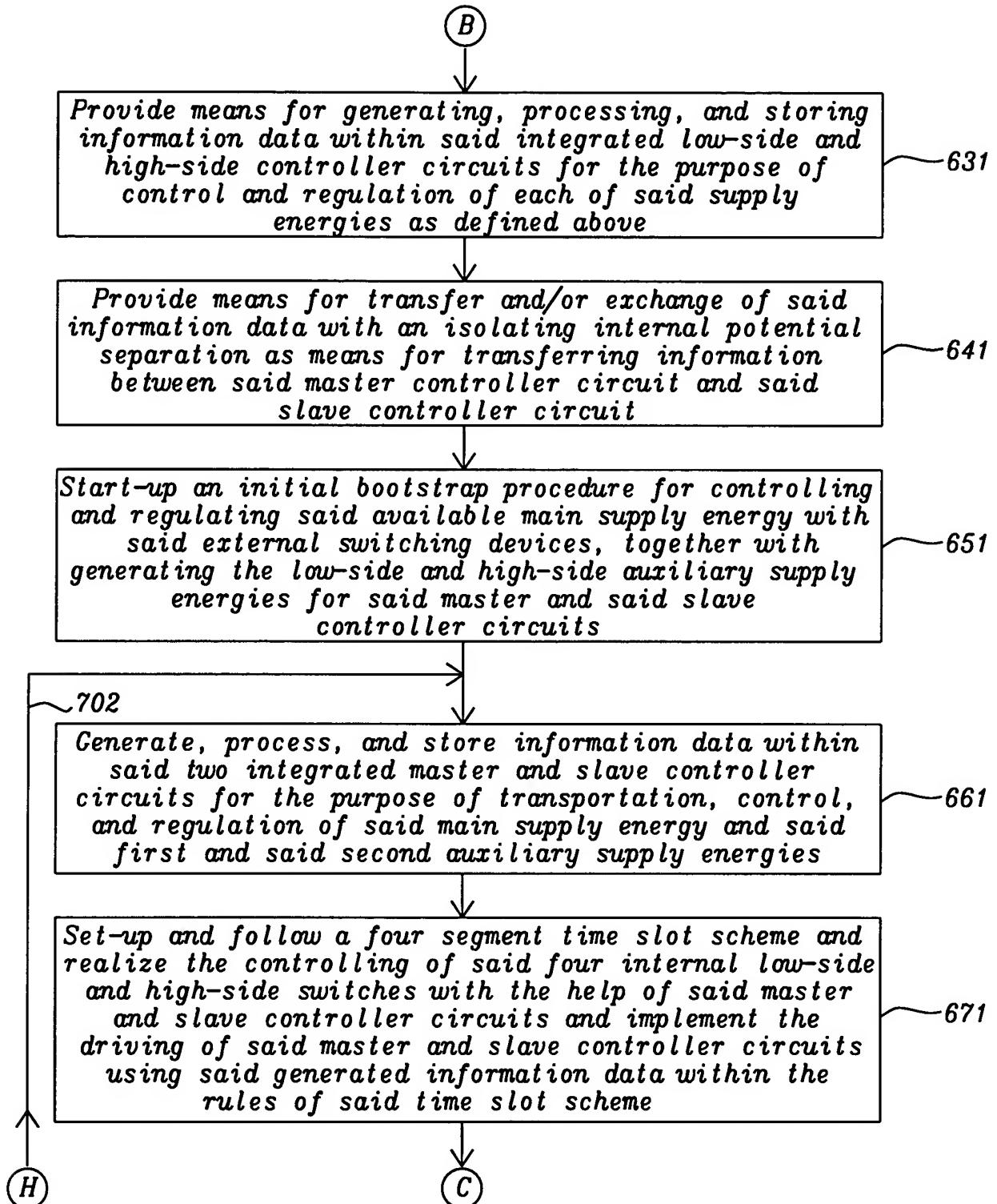


FIG. 7B

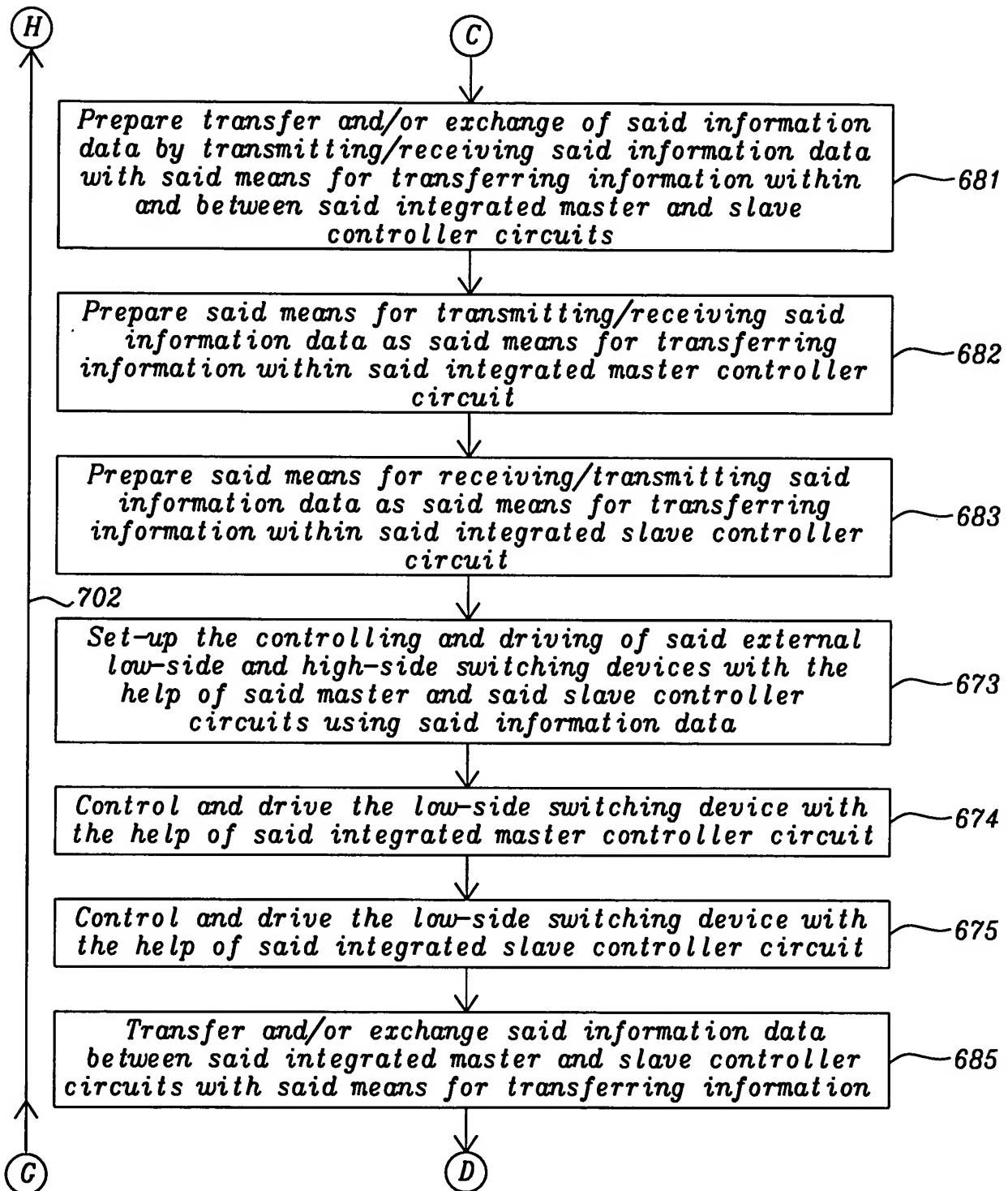


FIG. 7C

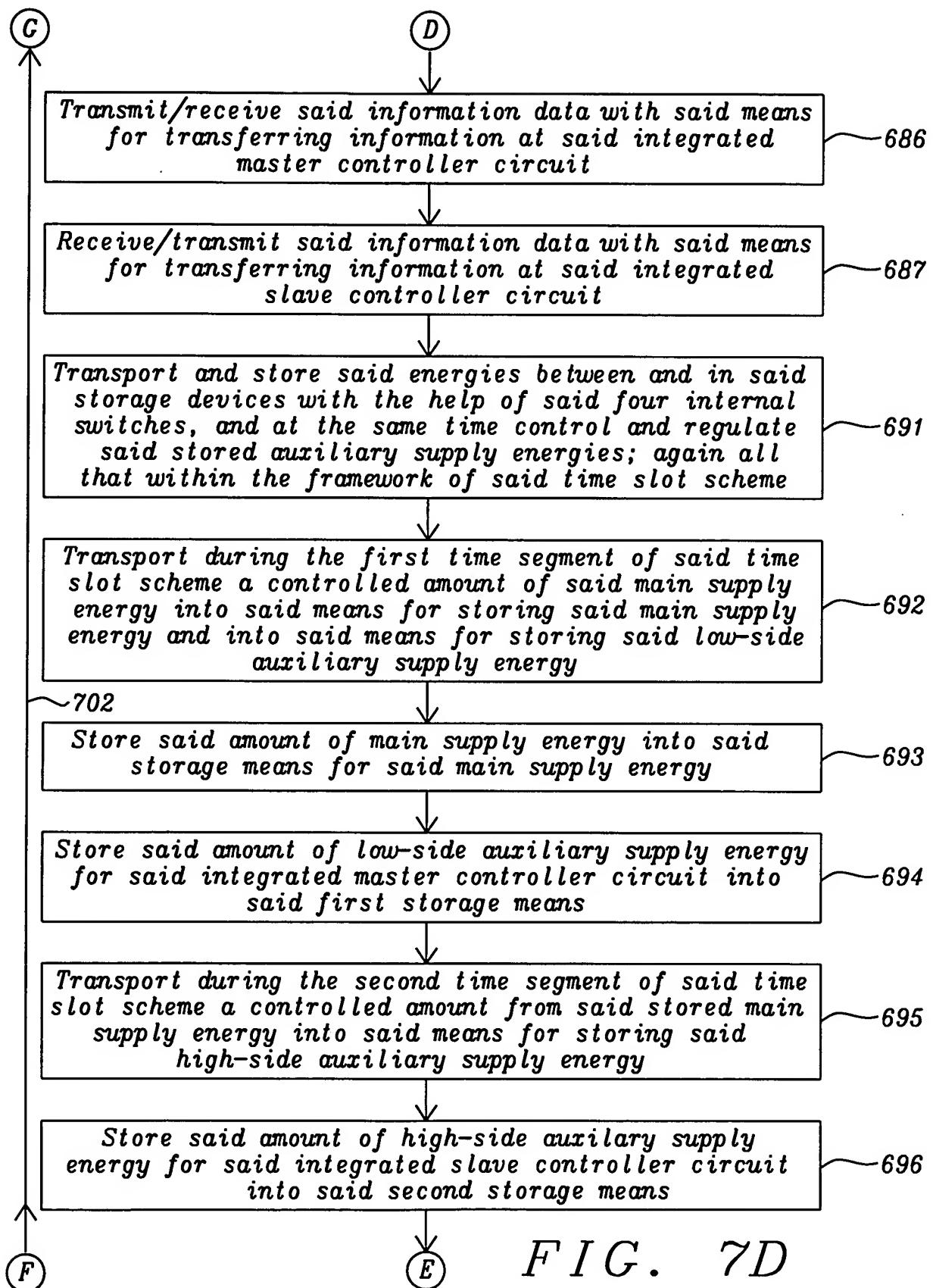


FIG. 7D

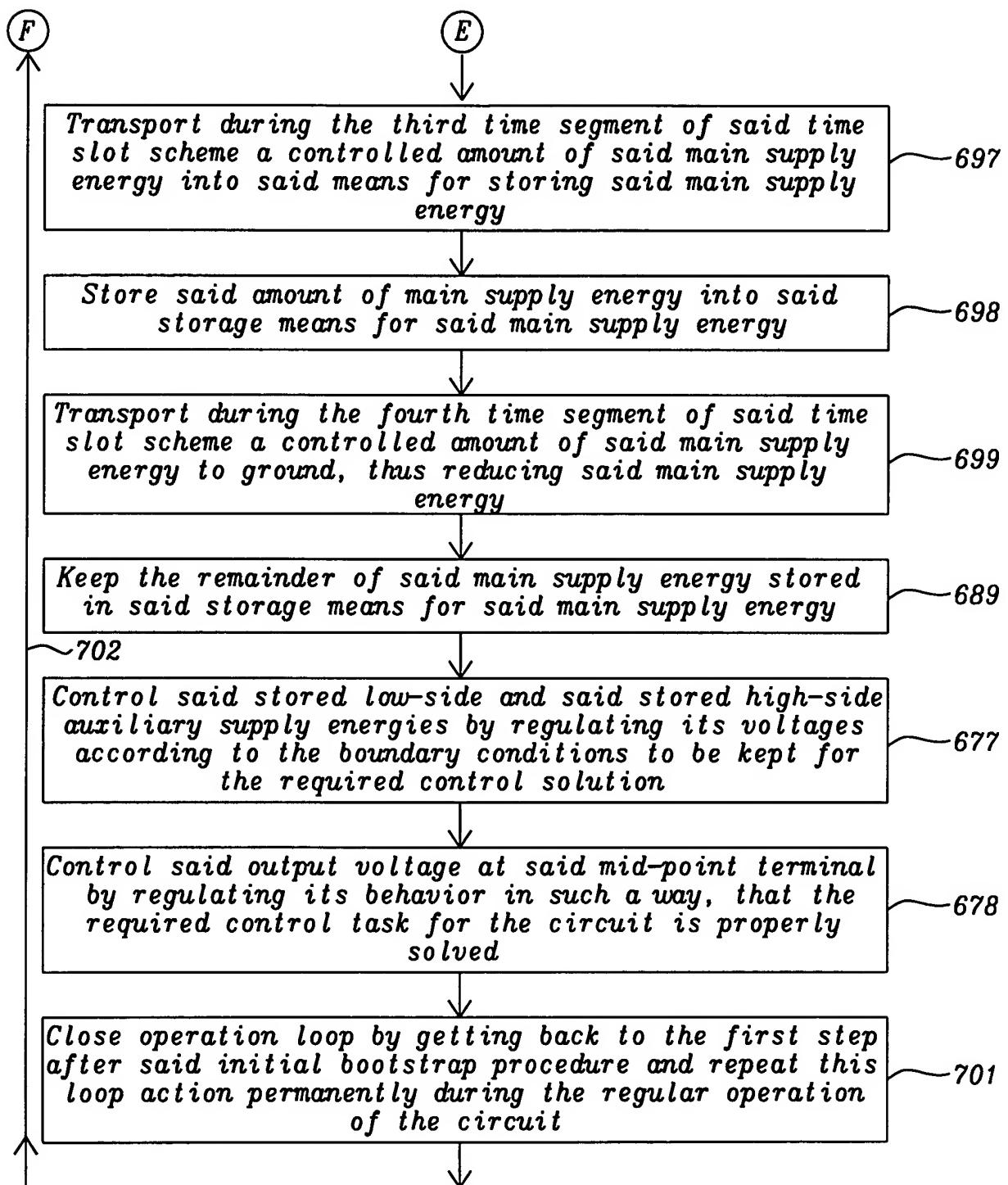


FIG. 7E